



cc/c#

00839.000443. (839.443)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of:

TOMOYA YAMAMOTO, et al.

Application No.: 09/804,191

Filed: March 13, 2001

For: PROCESS FOR PRODUCING AN  
ELECTRODE MATERIAL FOR A  
RECHARGEABLE LITHIUM  
BATTERY, AN ELECTRODE  
STRUCTURAL BODY FOR A  
RECHARGEABLE LITHIUM  
BATTERY, PROCESS FOR  
PRODUCING SAID ELECTRODE  
STRUCTURAL BODY, A  
RECHARGEABLE LITHIUM  
BATTERY IN WHICH SAID  
ELECTRODE STRUCTURAL  
BODY IS USED, AND A PROCESS  
FOR PRODUCING SAID  
RECHARGEABLE LITHIUM  
BATTERY

U.S. Patent No.: 6,835,332

Issued: December 28, 2004

Examiner: K. M. Vijayakumar

Group Art Unit: 1751

November 28, 2005

Certificate  
DEC 02 2005  
of Correction

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION  
UNDER RULES 322 AND 323

11/30/2005 CNGUYEN 00000031 6835332

01 FC:1811

Sir:

100.00 OP

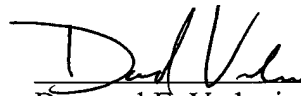
It is respectfully requested that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes, and mistakes of a clerical, typographical, or minor character, which were not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

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Accompanying this letter is a check for \$100.00 to cover the statutory fee for such Certificate of Correction.

Patentees' undersigned attorney may be reached in our Costa Mesa, California office by telephone at (714) 540-8700. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
\_\_\_\_\_  
Damond E. Vadnais  
Attorney for Patentees  
Registration No.: 52,310

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3800  
Facsimile: (212) 218-2200

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PATENT NO. : 6,835,332

DATED : December 28, 2004

INVENTOR(S) : TOMOYA YAMAMOTO, et al.

Page 1 of 17

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE COVER PAGE

(56) References Cited, Foreign Patent Documents,  
"JP 362464 3/1991" should read --JP 3-62464 3/1991--.

COLUMN 1

Line 42, "effect to" should read --effect due to--;  
Line 50, "circumstance," should read --circumstances--; and  
Line 58, "anya'r" should read --any air--.

COLUMN 2

Line 14, "icon" should read --ion--;  
Line 36, "one" should be deleted;  
Line 42, "an electrolyte" should read --in an electrolyte--;  
Line 43, "a irregular" should read --an irregular--; and  
Line 55, "situate on" should read --situation--.

COLUMN 3

Line 14, "i.e." should read --i.e.--;  
Line 15, "and B;" should read --and Bi--;  
Line 26, "surf" should read --surf- --;  
Line 32, "used the" should read --used as the--;  
Line 37, "respect the" should read --respect to the--; and  
Line 64, "as alloy" should read --alloy--.

COLUMN 4

Line 1, "sire" should read --wire--;  
Line 2, "In" should read --in--;  
Line 3, "lifer" should read --life--;  
Line 31, "metal," should read --metal.--; and  
Line 36, "However" should read --However--.

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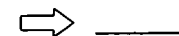
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Page 2 of 17

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 5

Line 30, "amorphilization" should read --amorphization--;

Line 59, "of;" should read --of:--; and

Line 66, "completing" should read --complexing--.

COLUMN 6

Line 1, "M aid" should read --said--;

Line 16, "Cu" should read --C--;

Line 19, "Sn/(sn+A+X)" should read --Sn/(Sn+A+X)--;

Line 22, "maters al" should read --material--;

Line 23, "electrodes" should read --electrode,--;

Line 31, "comprising" should read --comprises--; and

Line 39, "off" should read --of--.

COLUMN 7

Line 15, "ton" should read --ion--;

Line 18, "a," should read --a--;

Line 46, "bony" should read --body--; and

Line 63, "completing" should read --complexing--.

COLUMN 8

Line 16, "Ti," should read --T1,--;

Line 17, "Zn." should read --Zn,--; and "Sa" should read --Sn--;

Line 18, "ox" should read --or--;

Line 21, "To," should read --Tc,--; and "Ft," should read --Pt,--;

Line 22, "Ma," should read --Mn,--; and "Cu." should read --Cu,--;

Line 23, "Pa," should read --Pd,--;

Line 24, "Si," should read --Ni,--;

Line 32, "one," should read --one--;

Line 43, "0.2," should read --0.2°,--; and

Line 64, "the as" should read --them as--.

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COLUMN 9

Line 4, "mental" should read --metal--; and

Line 31, "inventions" should read --invention,--.

COLUMN 10

Line 16, "(C)]" should read --(c)]--;

Line 38, "an material" should read --a material--; and

Line 63, "paste-le" should read --paste-like--.

COLUMN 11

Line 6, "a producing" should read --producing--; and

Line 11, "an given" should read --a given--.

COLUMN 12

Line 34, "molecular hinders to" should read --molecularly hinders the--;

Line 44, "as small" should read --is small--;

Line 47, "sanded" should read --expanded--;

Line 55, "can" should be deleted; and

Line 59, "followings" should read --following,--; and "sore" should read --more--.

COLUMN 13

Line 2, "synthesizing" should be deleted;

Line 3, "rial" should read --rial is synthesized--; and

Line 56, "stared" should read --stirred--.

COLUMN 14

Line 17, "(b') a completing" should read --(b'), a complexing--;

Line 42, "agent an" should read --agent in--; and

Line 57, "means;" should read --means--.

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COLUMN 15

Line 27, "obtain red." should read --obtained.--;

Line 50, "sulfa" should read --sulfur--;

Line 58, "dissolved a" should read --dissolved in a--; and

Line 64, "FIG. C)," should read --FIG. 1),--.

COLUMN 16

Line 1, "electron" should read --electrons--;

Line 3, "electron" should read --electrons--;

Line 33, "That is" should read --That is,--; and

Line 66, "mount" should read --amount--.

COLUMN 17

Line 36, "unproved." should read --improved.--;

Line 46, "diminishes." should read --diminished.--; and

Line 49, "To adjust" should read --Adjustment of--.

COLUMN 18

Line 3, "region) in" should read --region). ¶ In--;

Line 5, "vale" should read --value--;

Line 28, "amine" should read --amines,--;

Line 41, "mired" should read --mixed--;

Line 57, "on" should read --ion--;

Line 61, "seating" should read --heating--; and

Line 65, "following" should read --following,-- and "made each" should read --made of each--.

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COLUMN 19

Line 20, "foaming" should read --forming--;  
Line 38, "ad" should read --and--;  
Line 42, "Pd." should read --Pd,--; and "AU," should read --Au,--;  
Line 43, "Mm," should read --Mn,--;  
Line 58, "ME," should read --Mn,--;  
Line 59, "sore" should read --more--;  
Line 63, "fee" should read --the--;  
Line 66, "Co." should read --Co,--; and  
Line 67, "To," should read --Tc,--; and "Au." should read --Au,--.

COLUMN 20

Line 9, "AU," should read --Au,--;  
Line 10, "Nb RE," should read --Nb, Hf,--;  
Line 19, "witch" should read --which--;  
Line 25, "as stable" should read --a stable--;  
Line 26, "lie" should read --like--;  
Line 40, "dietylenetriamine and slats" should read --dietylenetriamine and salts--;  
Line 52, "combination two" should read --combination of two--; and  
Line 67, "formamido," should read --formamide,--; and  
"N, N-diethylformamide" should read --N, N-dimethylformamide,--.

COLUMN 21

Line 1, "1,3-diethyl-2-imidazolidinone," should read  
--1,3-dimethyl-2-imidazolidinone--;  
Line 2, "N-methylpyrrolidone nitrites" should read --N-methylpyrrolidone; nitriles--; and  
Line 39, "the the" should read --the--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 22

Line 7, "the an" should read --an--;  
Line 8, "maintained at an aqueous solution" should be deleted;  
Line 15, "tis" should read --this--;  
Line 21, "ahoy" should read --alloy--;  
Line 28, "asp" should read --as--;  
Line 42, "BI," should read --Bi,--;  
Line 43, "Ti," should read --T1,--;  
Line 47, "No," should read --Mo,--; and  
Line 55, "a meta" should read --a metal--.

COLUMN 23

Line 2, "F has" should read --P have--;  
Line 11, "Sn.A.X." should read --Sn.A.X.,--;  
Line 13, "W." should read --W,--;  
Line 23, "then" should read --than--;  
Line 38, "an which" should read --in which--; and  
Line 61, "allow" should read --alloy--.

COLUMN 24

Line 20, "patter" should read --pattern--;  
Line 29, "analysts" should read --analysis--;  
Line 31, "powders" should read --powder,--;  
Line 56, "K $\alpha$ -rays;" should read --K $\alpha$ -rays--;  
Line 66, "obtain" should read --obtained--; and  
Line 67, "pea" should read --peak--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 25

Line 16, "M" should read --Mn--;  
Line 20, "alloy." should read --alloy,--;  
Line 33, "Sn-Cu-B" should read --Sn-Cu-C--;  
Line 41, "alloy." should read --alloy,--;  
Line 43, "alloy." should read --alloy,--; and  
Line 44, "alloy." should read --alloy,--.

COLUMN 26

Line 2, "comprises" should read --comprise--;  
Line 40, "in" should read --a--;  
Line 42, "from" should read --form--; and  
Line 64, "of obtained" should read --obtained--.

COLUMN 27

Line 49, "ethyl cellulose isopropyl" should read --ethyl cellulose, isopropyl--;  
Line 53, "polyoxyethylene, polyN-vinylpyrrolidone," should read  
--polyoxyethylene, poly-N-vinylpyrrolidone,--; and  
Line 62, "trifluoroethylene" should read --trifluoroethylene--.

COLUMN 28

Line 16, "for," should read --form,--.

COLUMN 29

Line 23, "oxides" should read --oxides,--;  
Line 26, "element are" should read --elements are--;  
Line 33, "ease" should read --case--; and  
Line 43, "wintering" should read --sintering--.

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COLUMN 30

Line 3, "BF<sub>4</sub><sup>-</sup>" should read --BF<sub>4</sub><sup>-</sup>--; and  
Line 15, "Y-butyrolactone" should read --γ-butyrolactone--;  
Line 16, "dioxolan, sulfoxide" should read --dioxolane, sulfolane,--;  
Line 20, "sulfuly" should read --sulfuryl--;  
Line 24, "moments," should read --solvents,--;  
Line 55, "memberane" should read --membrane--.

COLUMN 31

Line 6, "structured" should read --structure,--;  
Line 10, "those" should read --this--;  
Line 29, "cam)," should read --can),--; and  
Line 64, "trough" should read --through--.

COLUMN 32

Line 23, "having" should read --has--;  
Line 28, "resins" should read --resin,--;  
Line 33, "FIG, 7" should read --FIG. 7--;  
Line 48, "functions" should read --function--; and  
Line 51, "lie," should read --like,--.

COLUMN 33

Line 14, "pets" should read --parts--;  
Line 39, "a observed" should read --was observed--;  
Line 41, "lithium" should read --lithium)--;  
Line 42, "completing" should read --complexing--;  
Line 46, "titanium (II)" should read --titanium (III)--; and  
Line 65, "power." should read --powder.--.

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COLUMN 34

Line 8, "Kabusiki" should read --Kabushiki--;  
Line 27, "au" should read --an--;  
Line 37, "SET" should read --BET--; and  
Line 57, "N-methyl-2-pyrroidone" should read --N-methyl-2-pyrrolidone--.

COLUMN 35

Line 13, "d atmosphere" should read --dry atmosphere--;  
Line 20, "sap" should read --cap--;  
Line 40, "off" should read --of--; and  
Line 49, "currant" should read --current--.

COLUMN 36

Line 28, "85.0 parts" should read --75.0 parts--;  
Line 41, "though" should read --through--;  
Line 51, "analyze." should read --analyzer.--;  
Line 60, "stating" should read --starting--;  
Line 64, "sound" should read --found--; and  
Line 66, "SN" should read --8N--.

COLUMN 37

Line 10, "power." should read --powder.--;  
Line 14, "analysts" should read --analysis--;  
Line 20, "Kabusiki" should read --Kabushiki--;  
Line 51, "au" should read --as--; and  
Line 58, "starred" should read --stirred--.

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COLUMN 38

Line 14, "dehydrate" should read --dihydrate--;  
Line 52, "SN" should read --8N--;  
Line 54, "stating" should read --starting--;  
Line 59, "with in" should read --within--; and  
Line 63, "power." should read --powder.--.

COLUMN 39

Line 6, "Kabusiki" should read --Kabushiki--;  
Line 32, "additions," should read --addition,--;  
Line 42, "auxiliary" should read --auxiliary,--;  
Line 45, "mined" should read --mixed--;  
Line 47, "collector." should read --collector,--;  
Line 48, "Followed" should read --followed--; and  
Line 67, "oft" should read --of--.

COLUMN 40

Line 4, "completing" should read --complexing--;  
Line 39, "of 0.1 Thereafter," should read --of 0.1. ¶ Thereafter,--;  
Line 40, "SN" should read --8N--;  
Line 43, "be 100," should read --be 10.0,--;  
Line 51, "power." should read --powder.--; and  
Line 61, "Kabusiki" should read --Kabushiki--.

COLUMN 41

Line 37, "ad" should read --and--; and  
Line 66, "device 222," should read --device 202,--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 42

Line 15, "analyzers." should read --analyzer.--;

Line 35, "power." should read --powder.--;

Line 41, "Su," should read --Sn,--;

Line 45, "Kabusiki" should read --Kabushiki--; and

Line 64, "hand" should read --have--.

COLUMN 43

Line 7, "mesas" should read --means--; and

Line 42, "lactate" should read --laurate--.

COLUMN 44

Line 2, "missed" should read --mixed--;

Line 7, "starred." should read --stirred.--;

Line 12, "SN" should read --8N--;

Line 22, "power." should read --powder.--;

Line 28, "anaslysis" should read --analysis--;

Line 32, "Kabusiki" should read --Kabushiki--;

Line 35, "save" should read --gave--;

Line 40, "pea" should read --peaks--; and

Line 50, "method as" should read --method. As--.

COLUMN 45

Line 3, "aid" should read --and--;

Line 5, "products." should read --product.--;

Line 6, "doing," should read --drying,--;

Line 51, "completing" should read --complexing--; and "farmed" should read --formed--; and

Line 63, "SN" should read --8N--.

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COLUMN 46

Line 7, "power." should read --powder--;

Line 17, "Kabusiki" should read --Kabushiki--; and

Line 64, "examples," should read --example,--.

COLUMN 47

Line 19, "mated" should read --mixed--;

Line 45, "water heated" should read --water was heated--;

Line 49, "measured as" should read --measured. As--; and

Line 62, "power." should read --powder--.

COLUMN 48

Line 5, "Kabusiki" should read --Kabushiki--; and

Line 39, "above" should read --above,--.

COLUMN 49

Line 39, "SN" should read --8N--;

Line 50, "power." should read --powder--; and

Line 60, "Kabusiki" should read --Kabushiki--.

COLUMN 50

Line 1, "hale" should read --half--;

Line 55, "40.1 parts" should read --40.0 parts--;

Line 57, "raacete" should read --raacetate--; and

Line 58, "mused" should read --mixed--.

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**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,835,332

DATED : December 28, 2004

INVENTOR(S) : TOMOYA YAMAMOTO, et al.

Page 13 of 17

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 51

Line 4, "heaving" should read --having--;  
Line 17, "sodium," should read --sodium--;  
Line 40, "Kabusiki" should read --Kabushiki--;  
Line 46, "amorphous" should read --amorphous.--;  
Line 47, "separately," should read --Separately,--; and  
Line 50, "were" should read --was--.

COLUMN 52

Line 11, "pressure" should read --pressure.--;  
Line 12, "thus," should read --¶ Thus,--;  
Line 21, "batter" should read --battery--;  
Line 32, "raacete" should read --raacetate--; and  
Line 66, "result. It" should read --result, it--.

COLUMN 53

Line 1, "put" should read --out--;  
Line 2, "wasted" should read --washed--;  
Line 4, "power." should read --powder.--;  
Line 11, "be 45%," should read --be 48%,--;  
Line 14, "Kabusiki" should read --Kabushiki--;  
Line 16, "using." should read --using--;  
Line 32, "tae" should read --the--; and  
Line 41, "hare" should read --have--.

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INVENTOR(S) : TOMOYA YAMAMOTO, et al.

Page 14 of 17

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 54

Line 6, "a an" should read --as an--;  
Line 11, "dehydrate" should read --dihydrate--;  
Line 23, "mimed" should read --mixed--;  
Line 30, "in n" should read --in--;  
Line 34, "pith" should read --with--;  
Line 38, "SN" should read --8N--; and  
Line 51, "valve and" should read --valve, and--.

COLUMN 55

Line 4, "mean" should read --means--;  
Line 31, "mean" should read --means--; and  
Line 39, "Kabusiki" should read --Kabushiki--.

COLUMN 56

Line 13, "ant" should read --and--; and  
Line 14, "150 under" should read --150° C. under--.

COLUMN 57

Line 3, "Sn-power." should read --Sn-powder.--; and  
Line 8, "Kabusiki" should read --Kabushiki--.

COLUMN 58

Line 2, "It" should read --it--;  
Line 4, "SN" should read --8N--;  
Line 6, "starring" should read --stirring--;  
Line 8, "5.0," should read --8.0,--;  
Line 14, "power." should read --powder.--;  
Line 20, "50%," should read --5%--;  
Line 25, "thin" should read --tin--;

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Page 15 of 17

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 58 (continued)

Line 27, "Kabusiki" should read --Kabushiki--;

Line 32, "cart," should read --chart,--;

Line 39, "anode 650:" should read --anode 601:--;

Line 59, "batted" should read --battery--; and

Line 66, "node" should read --anode--.

COLUMN 59

Line 1, "was" should read --were--;

Line 2, "sulfate." should read --sulfate,--;

Line 15, "soil" should read --foil--;

Line 19, "Kabusiki" should read --Kabushiki--;

Line 46, "15° C." should read --150° C.--;

Line 47, "Using" should read --using--;

Line 48, "Kabusiki" should read --Kabushiki--; and

Line 54, "AS" should read --As--.

COLUMN 60

Line 3, "chloride." should read --chloride,--; and "dehydrate" should read --dihydrate--;

Line 8, "203" should read --201--;

Line 32, "Zn-power." should read --Zn-powder.--;

Line 37, "Kabusiki" should read --Kabushiki--; and

Line 46, "ix" should read --in--.

COLUMN 61

Line 5, "ethylenediaminetetraacete" should read --ethylenediaminetetraacetate--;

Line 32, "In-power." should read --In-powder.--;

Line 37, "Kabusiki" should read --Kabushiki--; and

"specimen or" should read --specimen of--; and

Line 61, "at 100" should read --at 100.--.

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Page 16 of 17

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 62

Line 50, "discharges" should read --discharged--.

COLUMN 63

Line 5 (Claim 1, Line 9), "kind of transition" should read --kind of a transition--;

Line 8 (Claim 1, Line 12), "with solvent" should read --with a solvent--;

Line 10 (Claim 1, Line 14), "said solution" should read --said mixed solution--; and

Line 38 (Claim 6, Line 2), "in range" should read --in a range--.

COLUMN 65

Line 10 (Claim 34, Line 4), "ethylenedianminetetraacetic"

should read --ethylenediaminetetraacetic--; and

Line 21 (Claim 37, Line 4), "potential al" should read --potential--.

COLUMN 66

Line 7 (Claim 50, Line 3), "at" should read --a--;

Line 44 (Claim 57, Line 2), "pleting" should read --plexing--; and

Line 47 (Claim 57, Line 5), "rang " should read --range--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 68

Line 4 (Claim 67, Line 2), "material said" should read --material on said--.

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PATENT

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In re Patent of:	)	
	:	Examiner: K. M. Vijayakumar
TOMOYA YAMAMOTO, et al.	)	
	:	Group Art Unit: 1751
Application No.: 09/804,191	)	
	:	
Filed: March 13, 2001	)	
	:	
For: PROCESS FOR PRODUCING AN	)	
ELECTRODE MATERIAL FOR A	:	
RECHARGEABLE LITHIUM	)	
BATTERY, AN ELECTRODE	:	
STRUCTURAL BODY FOR A	)	
RECHARGEABLE LITHIUM	:	
BATTERY, PROCESS FOR	:	
PRODUCING SAID ELECTRODE	)	
STRUCTURAL BODY, A	:	
RECHARGEABLE LITHIUM	)	
BATTERY IN WHICH SAID	:	
ELECTRODE STRUCTURAL	)	
BODY IS USED, AND A PROCESS	:	
FOR PRODUCING SAID	)	
RECHARGEABLE LITHIUM	:	
BATTERY	)	
	:	
U.S. Patent No.: 6,835,332	)	
	:	
Issued: December 28, 2004	)	November 28, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION  
UNDER RULES 322 AND 323

Sir:

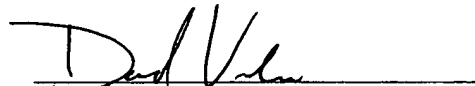
It is respectfully requested that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes, and mistakes of a clerical, typographical, or minor character, which were not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

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Accompanying this letter is a check for \$100.00 to cover the statutory fee for such Certificate of Correction.

Patentees' undersigned attorney may be reached in our Costa Mesa, California office by telephone at (714) 540-8700. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
Damond E. Vadnais  
Attorney for Patentees  
Registration No.: 52,310

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INVENTOR(S) : TOMOYA YAMAMOTO, et al.

Page 1 of 17

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE COVER PAGE

(56) References Cited, Foreign Patent Documents,  
"JP 362464 3/1991" should read --JP 3-62464 3/1991--.

COLUMN 1

Line 42, "effect to" should read --effect due to--;  
Line 50, "circumstance," should read --circumstances--; and  
Line 58, "anya'r" should read --any air--.

COLUMN 2

Line 14, "icon" should read --ion--;  
Line 36, "one" should be deleted;  
Line 42, "an electrolyte" should read --in an electrolyte--;  
Line 43, "a irregular" should read --an irregular--; and  
Line 55, "situate on" should read --situation--.

COLUMN 3

Line 14, "i.e." should read --i.e.,--;  
Line 15, "and B;" should read --and Bi--;  
Line 26, "surf" should read --surf- --;  
Line 32, "used the" should read --used as the--;  
Line 37, "respect the" should read --respect to the--; and  
Line 64, "as alloy" should read --alloy--.

COLUMN 4

Line 1, "sire" should read --wire--;  
Line 2, "In" should read --in--;  
Line 3, "lifer" should read --life,--;  
Line 31, "metal," should read --metal.--; and  
Line 36, "However" should read --However,--.

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Page 2 of 17

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 5

Line 30, "amorphilization" should read --amorphization--;

Line 59, "of;" should read --of:--; and

Line 66, "completing" should read --complexing--.

COLUMN 6

Line 1, "M aid" should read --said--;

Line 16, "Cu" should read --C,--;

Line 19, "Sn/(sn+A+X)" should read --Sn/(Sn+A+X)--;

Line 22, "maters al" should read --material--;

Line 23, "electrodes" should read --electrode,--;

Line 31, "comprising" should read --comprises--; and

Line 39, "off" should read --of--.

COLUMN 7

Line 15, "ton" should read --ion--;

Line 18, "a," should read --a--;

Line 46, "bony" should read --body--; and

Line 63, "completing" should read --complexing--.

COLUMN 8

Line 16, "Ti," should read --T1,--;

Line 17, "Zn." should read --Zn,--; and "Sa" should read --Sn--;

Line 18, "ox" should read --or--;

Line 21, "To," should read --Tc,--; and "Ft," should read --Pt,--;

Line 22, "Ma," should read --Mn,--; and "Cu." should read --Cu,--;

Line 23, "Pa," should read --Pd,--;

Line 24, "Si," should read --Ni,--;

Line 32, "one," should read --one--;

Line 43, "0.2," should read --0.2°,--; and

Line 64, "the as" should read --them as--.

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Page 3 of 17

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 9

Line 4, "mental" should read --metal--; and

Line 31, "inventions" should read --invention,--.

COLUMN 10

Line 16, "(C)" should read --(c)]--;

Line 38, "an material" should read --a material--; and

Line 63, "paste-le" should read --paste-like--.

COLUMN 11

Line 6, "a producing" should read --producing--; and

Line 11, "an given" should read --a given--.

COLUMN 12

Line 34, "molecular hinders to" should read --molecularly hinders the--;

Line 44, "as small" should read --is small--;

Line 47, "sanded" should read --expanded--;

Line 55, "can" should be deleted; and

Line 59, "followings" should read --following,--; and "sore" should read --more--.

COLUMN 13

Line 2, "synthesizing" should be deleted;

Line 3, "rial" should read --rial is synthesized--; and

Line 56, "stared" should read --stirred--.

COLUMN 14

Line 17, "(b') a completing" should read --(b'), a complexing--;

Line 42, "agent an" should read --agent in--; and

Line 57, "means;" should read --means--.

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Page 4 of 17

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 15

Line 27, "obtain red." should read --obtained.--;

Line 50, "sulfa" should read --sulfur--;

Line 58, "dissolved a" should read --dissolved in a--; and

Line 64, "FIG. C)," should read --FIG. 1),--.

COLUMN 16

Line 1, "electron" should read --electrons--;

Line 3, "electron" should read --electrons--;

Line 33, "That is" should read --That is,--; and

Line 66, "mount" should read --amount--.

COLUMN 17

Line 36, "unproved." should read --improved.--;

Line 46, "diminishes." should read --diminished.--; and

Line 49, "To adjust" should read --Adjustment of--.

COLUMN 18

Line 3, "region) in" should read --region). ¶ In--;

Line 5, "vale" should read --value--;

Line 28, "amine" should read --amines,--;

Line 41, "mired" should read --mixed--;

Line 57, "on" should read --ion--;

Line 61, "seating" should read --heating--; and

Line 65, "following" should read --following,-- and "made each" should read --made of each--.

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COLUMN 19

Line 20, "foaming" should read --forming--;

Line 38, "ad" should read --and--;

Line 42, "Pd." should read --Pd,--; and "AU," should read --Au,--;

Line 43, "Mm," should read --Mn,--;

Line 58, "ME," should read --Mn,--;

Line 59, "sore" should read --more--;

Line 63, "fee" should read --the--;

Line 66, "Co." should read --Co,--; and

Line 67, "To," should read --Tc,--; and "Au." should read --Au,--.

COLUMN 20

Line 9, "AU," should read --Au,--;

Line 10, "Nb RE," should read --Nb, Hf,--;

Line 19, "witch" should read --which--;

Line 25, "as stable" should read --a stable--;

Line 26, "lie" should read --like--;

Line 40, "dietylenetriamine and slats" should read --diethylenetriamine and salts--;

Line 52, "combination two" should read --combination of two--; and

Line 67, "formamido," should read --formamide,--; and

"N, N-diethylformamide" should read --N, N-dimethylformamide,--.

COLUMN 21

Line 1, "1,3-diethyl-2-imidazolidinone," should read

--1,3-dimethyl-2-imidazolidinone--;

Line 2, "N-methylpyrrolidone nitrites" should read --N-methylpyrrolidone; nitriles--; and

Line 39, "the the" should read --the--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 22

Line 7, "the an" should read --an--;  
Line 8, "maintained at an aqueous solution" should be deleted;  
Line 15, "tis" should read --this--;  
Line 21, "ahoy" should read --alloy--;  
Line 28, "asp" should read --as--;  
Line 42, "BI," should read --Bi,--;  
Line 43, "Ti," should read --Tl,--;  
Line 47, "No," should read --Mo,--; and  
Line 55, "a meta" should read --a metal--.

COLUMN 23

Line 2, "F has" should read --P have--;  
Line 11, "Sn.A.X." should read --Sn.A.X.,--;  
Line 13, "W." should read --W,--;  
Line 23, "then" should read --than--;  
Line 38, "an which" should read --in which--; and  
Line 61, "allow" should read --alloy--.

COLUMN 24

Line 20, "patter" should read --pattern--;  
Line 29, "analysts" should read --analysis--;  
Line 31, "powders" should read --powder,--;  
Line 56, "K $\alpha$ -rays;" should read --K $\alpha$ -rays--;  
Line 66, "obtain" should read --obtained--; and  
Line 67, "pea" should read --peak--.

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COLUMN 25

Line 16, "M" should read --Mn--;  
Line 20, "alloy." should read --alloy,--;  
Line 33, "Sn—Cu—B" should read --Sn—Cu—C--;  
Line 41, "alloy." should read --alloy,--;  
Line 43, "alloy." should read --alloy,--; and  
Line 44, "alloy." should read --alloy,--.

COLUMN 26

Line 2, "comprises" should read --comprise--;  
Line 40, "in" should read --a--;  
Line 42, "from" should read --form--; and  
Line 64, "of obtained" should read --obtained--.

COLUMN 27

Line 49, "ethyl cellulose isopropyl" should read --ethyl cellulose, isopropyl--;  
Line 53, "polyoxyethylene, polyN-vinylpyrrolidone," should read  
--polyoxyethylene, poly-N-vinylpyrrolidone,--; and  
Line 62, "trifluoroethylene" should read --trifluoroethylene--.

COLUMN 28

Line 16, "for," should read --form,--.

COLUMN 29

Line 23, "oxides" should read --oxides,--;  
Line 26, "element are" should read --elements are--;  
Line 33, "ease" should read --case--; and  
Line 43, "wintering" should read --sintering--.

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Page 8 of 17

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 30

Line 3, "BF<sub>4</sub><sup>-</sup>" should read --BF<sub>4</sub><sup>-</sup>--; and

Line 15, "Y-butyrolactone" should read --γ-butyrolactone--;

Line 16, "dioxolan, sulfoxide" should read --dioxolane, sulfolane,--;

Line 20, "sulfuly" should read --sulfuryl--;

Line 24, "moments," should read --solvents,--;

Line 55, "memberane" should read --membrane--.

COLUMN 31

Line 6, "structured" should read --structure,--;

Line 10, "those" should read --this--;

Line 29, "cam)," should read --can),--; and

Line 64, "trough" should read --through--.

COLUMN 32

Line 23, "having" should read --has--;

Line 28, "resins" should read --resin,--;

Line 33, "FIG, 7" should read --FIG. 7--;

Line 48, "functions" should read --function--; and

Line 51, "lie," should read --like,--.

COLUMN 33

Line 14, "pets" should read --parts--;

Line 39, "a observed" should read --was observed--;

Line 41, "lithium" should read --lithium)--;

Line 42, "completing" should read --complexing--;

Line 46, "titanium (II)" should read --titanium (III)--; and

Line 65, "power." should read --powder.--.

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PATENT NO. : 6,835,332

DATED : December 28, 2004

INVENTOR(S) : TOMOYA YAMAMOTO, et al.

Page 9 of 17

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 34

Line 8, "Kabusiki" should read --Kabushiki--;

Line 27, "au" should read --an--;

Line 37, "SET" should read --BET--; and

Line 57, "N-methyl-2-pyrroidone" should read --N-methyl-2-pyrrolidone--.

COLUMN 35

Line 13, "d atmosphere" should read --dry atmosphere--;

Line 20, "sap" should read --cap--;

Line 40, "off" should read --of--; and

Line 49, "currant" should read --current--.

COLUMN 36

Line 28, "85.0 parts" should read --75.0 parts--;

Line 41, "though" should read --through--;

Line 51, "analyze." should read --analyzer.--;

Line 60, "stating" should read --starting--;

Line 64, "sound" should read --found--; and

Line 66, "SN" should read --8N--.

COLUMN 37

Line 10, "power." should read --powder.--;

Line 14, "analysts" should read --analysis--;

Line 20, "Kabusiki" should read --Kabushiki--;

Line 51, "au" should read --as--; and

Line 58, "starred" should read --stirred--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 38

Line 14, "dehydrate" should read --dihydrate--;

Line 52, "SN" should read --8N--;

Line 54, "stating" should read --starting--;

Line 59, "with in" should read --within--; and

Line 63, "power." should read --powder.--.

COLUMN 39

Line 6, "Kabusiki" should read --Kabushiki--;

Line 32, "additions," should read --addition,--;

Line 42, "auxiliary" should read --auxiliary,--;

Line 45, "mined" should read --mixed--;

Line 47, "collector." should read --collector,--;

Line 48, "Followed" should read --followed--; and

Line 67, "oft" should read --of--.

COLUMN 40

Line 4, "completing" should read --complexing--;

Line 39, "of 0.1 Thereafter," should read --of 0.1. ¶ Thereafter,--;

Line 40, "SN" should read --8N--;

Line 43, "be 100," should read --be 10.0,--;

Line 51, "power." should read --powder.--; and

Line 61, "Kabusiki" should read --Kabushiki--.

COLUMN 41

Line 37, "ad" should read --and--; and

Line 66, "device 222," should read --device 202,--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 42

Line 15, "analyzers." should read --analyzer.--;  
Line 35, "power." should read --powder.--;  
Line 41, "Su," should read --Sn,--;  
Line 45, "Kabusiki" should read --Kabushiki--; and  
Line 64, "hand" should read --have--.

COLUMN 43

Line 7, "mesas" should read --means--; and  
Line 42, "lactate" should read --laurate--.

COLUMN 44

Line 2, "missed" should read --mixed--;  
Line 7, "starred." should read --stirred.--;  
Line 12, "SN" should read --8N--;  
Line 22, "power." should read --powder.--;  
Line 28, "anaslysis" should read --analysis--;  
Line 32, "Kabusiki" should read --Kabushiki--;  
Line 35, "save" should read --gave--;  
Line 40, "pea" should read --peaks--; and  
Line 50, "method as" should read --method. As--.

COLUMN 45

Line 3, "aid" should read --and--;  
Line 5, "products." should read --product.--;  
Line 6, "doing," should read --drying,--;  
Line 51, "completing" should read --complexing--; and "farmed" should read --formed--; and  
Line 63, "SN" should read --8N--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 46

Line 7, "power." should read --powder--;  
Line 17, "Kabusiki" should read --Kabushiki--; and  
Line 64, "examples," should read --example,--.

COLUMN 47

Line 19, "mated" should read --mixed--;  
Line 45, "water heated" should read --water was heated--;  
Line 49, "measured as" should read --measured. As--; and  
Line 62, "power." should read --powder.--.

COLUMN 48

Line 5, "Kabusiki" should read --Kabushiki--; and  
Line 39, "above" should read --above,--.

COLUMN 49

Line 39, "SN" should read --8N--;  
Line 50, "power." should read --powder--; and  
Line 60, "Kabusiki" should read --Kabushiki--.

COLUMN 50

Line 1, "hale" should read --half--;  
Line 55, "40.1 parts" should read --40.0 parts--;  
Line 57, "raacete" should read --raacetate--; and  
Line 58, "mused" should read --mixed--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 51

Line 4, "heaving" should read --having--;

Line 17, "sodium," should read --sodium--;

Line 40, "Kabusiki" should read --Kabushiki--;

Line 46, "amorphous" should read --amorphous.--;

Line 47, "separately," should read --Separately,--; and

Line 50, "were" should read --was--.

COLUMN 52

Line 11, "pressure" should read --pressure.--;

Line 12, "thus," should read --¶ Thus,--;

Line 21, "batter" should read --battery--;

Line 32, "raacete" should read --raacetate--; and

Line 66, "result. It" should read --result, it--.

COLUMN 53

Line 1, "put" should read --out--;

Line 2, "wasted" should read --washed--;

Line 4, "power." should read --powder.--;

Line 11, "be 45%," should read --be 48%,--;

Line 14, "Kabusiki" should read --Kabushiki--;

Line 16, "using." should read --using--;

Line 32, "tae" should read --the--; and

Line 41, "hare" should read --have--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 54

Line 6, "a an" should read --as an--;  
Line 11, "dehydrate" should read --dihydrate--;  
Line 23, "mimed" should read --mixed--;  
Line 30, "in n" should read --in--;  
Line 34, "pith" should read --with--;  
Line 38, "SN" should read --8N--; and  
Line 51, "valve and" should read --valve, and--.

COLUMN 55

Line 4, "mean" should read --means--;  
Line 31, "mean" should read --means--; and  
Line 39, "Kabusiki" should read --Kabushiki--.

COLUMN 56

Line 13, "ant" should read --and--; and  
Line 14, "150 under" should read --150° C. under--.

COLUMN 57

Line 3, "Sn-power." should read --Sn-powder.--; and  
Line 8, "Kabusiki" should read --Kabushiki--.

COLUMN 58

Line 2, "It" should read --it--;  
Line 4, "SN" should read --8N--;  
Line 6, "starring" should read --stirring--;  
Line 8, "5.0," should read --8.0,--;  
Line 14, "power." should read --powder.--;  
Line 20, "50%," should read --5%--;  
Line 25, "thin" should read --tin--;

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 58 (continued)

Line 27, "Kabusiki" should read --Kabushiki--;

Line 32, "cart," should read --chart--;

Line 39, "anode 650:" should read --anode 601:--;

Line 59, "batted" should read --battery--; and

Line 66, "node" should read --anode--.

COLUMN 59

Line 1, "was" should read --were--;

Line 2, "sulfate." should read --sulfate,--;

Line 15, "soil" should read --foil--;

Line 19, "Kabusiki" should read --Kabushiki--;

Line 46, "15° C." should read --150° C.--;

Line 47, "Using" should read --using--;

Line 48, "Kabusiki" should read --Kabushiki--; and

Line 54, "AS" should read --As--.

COLUMN 60

Line 3, "chloride." should read --chloride,--; and "dehydrate" should read --dihydrate--;

Line 8, "203" should read --201--;

Line 32, "Zn-power." should read --Zn-powder.--;

Line 37, "Kabusiki" should read --Kabushiki--; and

Line 46, "ix" should read --in--.

COLUMN 61

Line 5, "ethylenediaminetetraacete" should read --ethylenediaminetetraacetate--;

Line 32, "In-power." should read --In-powder.--;

Line 37, "Kabusiki" should read --Kabushiki--; and

"specimen or" should read --specimen of--; and

Line 61, "at 100" should read --at 100.--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 62

Line 50, "discharges" should read --discharged--.

COLUMN 63

Line 5 (Claim 1, Line 9), "kind of transition" should read --kind of a transition--;

Line 8 (Claim 1, Line 12), "with solvent" should read --with a solvent--;

Line 10 (Claim 1, Line 14), "said solution" should read --said mixed solution--; and

Line 38 (Claim 6, Line 2), "in range" should read --in a range--.

COLUMN 65

Line 10 (Claim 34, Line 4), "ethylenedianminetetraacetic"

should read --ethylenediaminetetraacetic--; and

Line 21 (Claim 37, Line 4), "potential al" should read --potential--.

COLUMN 66

Line 7 (Claim 50, Line 3), "at" should read --a--;

Line 44 (Claim 57, Line 2), "pleting" should read --plexing--; and

Line 47 (Claim 57, Line 5), "rang " should read --range--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 68

Line 4 (Claim 67, Line 2), "material said" should read --material on said--.

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